

TROPICAL CYCLONE 04B

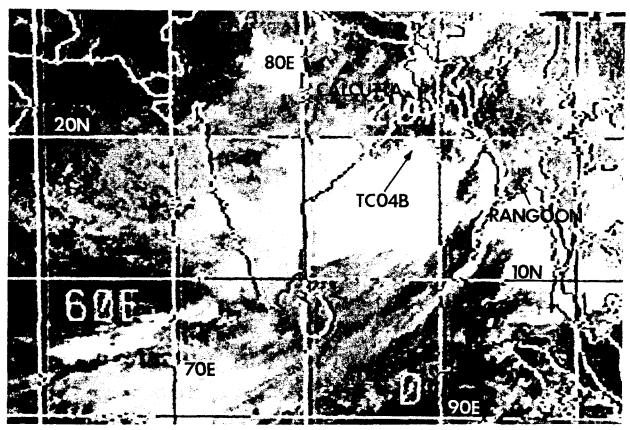


Figure 3-04B-1. The deep convection and torrential rains associated with TC04B are located to the south of the circulation center, a result of strong vertical wind shear between low-level convergent and high-level divergent winds (252300Z - 260100Z July DMSP infrared digitized mosaic).

A rare July cyclone in the Bay of Bengal, TC04B followed a track very similar to Tropical Cyclone 03B in June. The tropical disturbance was first mentioned by JTWC on the 241800Z July Significant Tropical Weather Advisory. As the southwesterly monsoonal surge increased in strength, TC04B intensified, prompting JTWC to issue a Tropical Cyclone Formation Alert at 261000Z. The first warning followed almost immediately at 261200Z based on the extent of the surge and surface pressure falls on the coast of India. TC04B reached a peak intensity of 40 kt (21 m/sec) at landfall. As the tropical cyclone slowly weakened overland, JTWC issued the final warning at 270600Z.